

Title (en)
CLOTHES DRYER

Title (de)
WÄSCHETROCKNER

Title (fr)
SÈCHE-LINGE

Publication
EP 3118366 B1 20180314 (EN)

Application
EP 16179667 A 20160715

Priority
KR 20150102000 A 20150717

Abstract (en)
[origin: EP3118366A1] A clothes dryer including a rotatable drum (4), a drum supporter (5) for supporting the drum (4), the drum supporter (5) being provided with a discharge port (52h) for discharging air from the drum (4), a circulation channel (53, 81) for guiding air discharged through the discharge port (52h) into the drum (4), and a filter cartridge (7) for filtering air in the circulation channel (53, 81), wherein the filter cartridge (7) includes an inside filter cartridge (71) for filtering air discharged from the drum (4) and an outside filter cartridge (74) disposed in the circulation channel (53, 81) in a state of being supported by the drum supporter (5), the inside filter cartridge (71) being separably received in the outside filter cartridge (74) through an opening (74h) formed in the top surface (745) of the outside filter cartridge (74), the outside filter cartridge (74) including a front filter (75) for filtering air that passes through the inside filter cartridge (71) and flows forward, a rear filter (76) for filtering air that passes through the inside filter cartridge (71) and flows rearward, and a lateral filter (78) for filtering air that passes through the inside filter cartridge (71) and flows in the lateral direction.

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/22** (2006.01)

CPC (source: CN EP US)
D06F 58/06 (2013.01 - CN); **D06F 58/22** (2013.01 - CN EP US); **D06F 58/02** (2013.01 - CN EP US); **D06F 58/206** (2013.01 - CN EP US)

Cited by
CN108796975A; US10047475B2; US2017016172A1; US9951464B2; EP3705620A4

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3118366 A1 20170118; EP 3118366 B1 20180314; AU 2016295074 A1 20180308; AU 2016295074 B2 20190725;
CN 106350977 A 20170125; CN 106350977 B 20181109; KR 102460252 B1 20221027; KR 20170009657 A 20170125;
US 2017016172 A1 20170119; US 2017362769 A9 20171221; US 9951464 B2 20180424; WO 2017014496 A1 20170126

DOCDB simple family (application)
EP 16179667 A 20160715; AU 2016295074 A 20160715; CN 201610565822 A 20160718; KR 20150102000 A 20150717;
KR 2016007713 W 20160715; US 201615211520 A 20160715